

Polyacrylamide soil modifiers enhanced with nutrients.

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Abstract

A process of profile modifying and revegetating permeable soils with an environmentally safe nutrient enhancing composition of a non-toxic water-soluble polymer, a redox couple of a water-soluble ferrous salt and a non-toxic, oxidizing agent and an effective amount of an agricultural nutrient which are mixed in water and applied to a subterranean or soil surface formation wherein ferrous ion is oxidized to ferric ion to gel the polymer making the subterranean or soil surface formation impermeable.

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